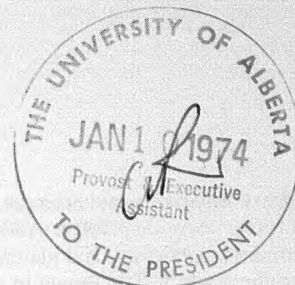


# FOLIO



THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

JANUARY 10, 1974

## LEONARD E. GADS 1907 - 1974

LEONARD E. GADS, a former Associate Dean of Engineering, died Tuesday, January 1, 1974. Professor Gads had a 36-year association



with the University, first as a student (he received his BSc in Civil Engineering in 1939), then as a staff member. He was named Professor and Assistant to the Dean in 1946 and Associate Dean in 1959.

Throughout his years in the Dean's Office, Professor Gads continued teaching as many classes as he had time for; he considered the classroom contact vital to his effectiveness as an administrator.

He was a Life Member of the Association of Professional Engineers and an Honorary Member of the Association of Land Surveyors of Alberta. He served on a number of national, provincial, and University committees and was chairman of the Board of Examiners in Professional Architecture and of the Board of Examiners in Professional Surveying.

## BOARD OF GOVERNORS

By FOLIO Staff

The Board of Governors and its Executive Committee met January 4, 1974.

### VICE-PRESIDENT TO LEAVE UNIVERSITY

W. D. NEAL, who announced in November that he will resign as Vice-President (Planning and Development) at the end of May, has also submitted to the Board his resignation as Professor of Educational Administration. Dr. Neal has accepted a position as dean of the new Faculty of Education at the West Australia Institute of Technology, in Perth.

### STIPEND ADJUSTMENTS APPROVED

The Board approved a recommendation from the Executive Committee "that the salary

budget for continuing part-time clinical staff in the Faculty of Medicine be adjusted annually in accordance with the salary scale adjustment for academic staff, and that individual stipends be adjusted at the time of re-appointment in accordance with the cumulative adjustment since the previous appointment, with honoraria adjusted to the nearest \$50."

Speaking in support of the motion, President MAX WYMAN pointed out that the part-time clinical staff "have made a tremendous contribution to the medical school during the past four or five years." He urged members to adopt a policy that would ensure automatic salary adjustments on the same basis as those provided for part-time permanent staff in other faculties.

### PILOT PROJECT CONTINUED

Members gave their support to an application by the Department of Community Medicine to the Department of National Health and Welfare, for funds to continue the training program for nurses who practice in Northern Canada.

Three such training programs have been completed to date and a fourth is in progress. The application approved by the Board is for \$80,000 to cover the costs of two additional courses to be given in 1974.

### AFFILIATION AGREEMENT TO BE SIGNED

The Board approved a general affiliation agreement between the University's Faculty of Medicine and Red Deer General Hospital. The agreement is similar to those the University has with hospitals in Edmonton and will enable students to obtain training and experience in a smaller community hospital.

### STUDENT SOCIALS

The Building Committee reported for information that the use of the Central Academic Building cafeteria for student functions would be permitted only if the Students' Union agreed to:

- (a) maintain adequate supervision,
- (b) assure proper security of the rest of the building,
- (c) observe all the requirements of fire regulations and the Alberta Liquor Control Board, and

(d) place on deposit with the University the sum of \$5,000 to assure the repair of damage caused at such functions.

The policy was formulated following an appeal by the Students' Union against a decision to discontinue the use of the CAB cafeteria for student socials. The policy, if accepted by the Students' Union, will be implemented on an experimental basis. Serious infractions will result in a withdrawal of the right to use the premises for student functions.

### DEPOSIT DISCONTINUED

On the recommendation of the Finance Committee, members voted to abolish the \$10 pre-registration deposit for students who register in on- or off-campus Winter Session courses.

## SPEAKERS ANNOUNCED FOR 'MAN AND HIS ENVIRONMENT'

The second international conference on "Man and his environment" will be held in Banff, May 19 to 22, as announced in the November 1 issue of FOLIO. The conference chairman, M. F. MOHTADI of The University of Calgary, has since announced some of the principal speakers.

M. A. CROWE of the National Energy Board will address the first session on "Energy in Canada as a natural resource." At a session focussing on social, economic, and ethical issues, JOSEPH SAX, Professor of Law at the University of Michigan, will discuss environmental law with emphasis on managing the environment. JAY ANDERSON of Bryn Mawr College in Pennsylvania, who was a participant in the *Limits to Growth* exercise at the Massachusetts Institute of Technology, will speak on the modeling of world dynamics and the prediction of limits to growth. His talk will be part of two sessions devoted to man and the technological world. R. S. SCORER, Professor of Theoretical Mechanics at the Imperial College of Science and Technology in England, will speak on meteorology and pollution. Dr. Scorer is a pioneer developer of mathematical modeling for weather forecasting.

GORDON HODGSON, chairman of the program committee and Director of The University

of Calgary Environmental Sciences Centre, predicts that more than 400 scientists, industrialists, politicians, and planners from around the world will be drawn to the conference. He says that each of the five conference sessions will be restricted to three invited speakers to allow time for discussion.

Participation in the conference is open to everyone concerned with man's position in his environment. Further information may be obtained by writing to Dr. Mohtadi at the Department of Chemical Engineering, The University of Calgary, Calgary, Alberta T2N 1N4.

## CANADA—USSR EXCHANGE PROGRAM

A series of agreements on scientific, academic, and cultural exchanges were signed recently by officials on behalf of Canada and the USSR. The agreements on the exchange program, which lasts for two years, were signed at the end of a two-day meeting of the Canada-USSR mixed commission on general exchanges. The Canadian side, headed by J. G. H. HALSTEAD, Assistant Under-Secretary of State for External Affairs, also included representatives of federal government departments and agencies, provincial governments and organizations, and members of the academic community.

METRO GULUTSAN, Associate Professor of Educational Psychology and the only member on the Canadian delegation from a western Canadian university, was a representative of the academic community. He is Vice-Chairman of the Inter-University Council on Academic Exchanges with the USSR and eastern European countries.

# FOLIO

THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Marcy Davies, Editor

FOLIO Policy Committee: E. D. Hodgson (Professor of Educational Administration), J. W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

Staff: Jeanette Rothrock (Acting Publications Officer), Norma Gutteridge (Copy and Design Editor), Marjorie Olsen and David Norwood (Editorial Assistants)

Business Manager: A. S. Knowler (Chief Accountant, Office of the Comptroller)

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## INSTITUTIONAL RESEARCH PROJECTS

The projects listed below are now under way in the Office of Institutional Research and Planning. They are summarized here for the information of readers, similar summaries being published at intervals. The last one appeared October 25, 1973.

Inquiries should be directed to the project officer listed for each project (to the name with the asterisk where there are several names) at the Office of Institutional Research and Planning, 1-16 University Hall, telephone 432-5295.

### I. STUDENT RELATED PROJECTS

Description	Project Officers
<b>HIGH SCHOOL NON-DEPARTMENTAL EXAM STUDENTS</b> Preliminary investigation of methodologies which might be used in comparing students entering University without writing departmental examinations.	M. Holland* D. Otto
<b>ADULT STUDENTS</b> Admissions policy, success rate, and characteristics of "mature students."	S. Batt
<b>CHANGING STUDENT ATTITUDES AND VALUES</b> A survey study of student opinions and reactions towards some of the current social, political, and educational issues.	N. Mehra
<b>STUDENT FLOW STUDIES</b> Historical analysis of promotion, transfer, and withdrawal rates at the faculty level.	J. Litwin
<b>ENROLMENT PROJECTIONS</b> On-going investigation of enrolment trends and enrolment methodologies.	P. Haney
<b>CANADIAN COLLEGE WOMEN: A PROFILE</b> A research description of the general background characteristics, academic interests, aspirations, and achievements of undergraduate women at The University of Alberta.	N. Mehra

### II. STAFF RELATED PROJECTS

Description	Project Officers
<b>COMMITTEE TO INVESTIGATE TEACHING</b>	D. J. Otto
(i) Room 289 Central Academic Building and Room M232 Biological Sciences Building.	
(ii) Index of college activities.	
(iii) Literature survey: faculty pedagogy study.	
(iv) Examination of off-campus extension teaching of physical therapists.	

**ECONOMIC IMPACT OF THE UNIVERSITY OF ALBERTA**  
Library search and preliminary data collection.

G. N. S. Zaharia

**SENATE TASK FORCE STUDY ON THE STATUS OF WOMEN AT THE UNIVERSITY OF ALBERTA**

N. Mehra\*  
J. Litwin

A preliminary study of the structure of salaries of women employees at The University of Alberta.

### III. COURSE RELATED PROJECTS

Description	Project Officers
<b>HISTORICAL DATA</b> Weekly student hours, weekly contact hours, full-time equivalent staff, faculty enrolments 1964-65 to 1972-73. Forwarded to all deans and directors; provided for departments upon request.	H. Gahr
<b>WEEKLY STUDENT HOURS—WEEKLY CONTACT HOURS (1973-74)</b> Compilation of first-term statistics.	H. Gahr
<b>STUDENT MARK ANALYSIS</b> (a) Analysis of course, department, and faculty level marks for the 1971-72 and 1972-73 academic years. (b) Analysis of residence students' marks at the course, department, and faculty levels of aggregation for the 1972-73 academic year.	J. Litwin
<b>WEEKLY STUDENT HOUR MATRIX</b> Preliminary analysis of 1973-74 data.	D. Wener
<b>MA IN COMMUNITY DEVELOPMENT</b> Description and analysis of program history for Community Development Review Committee.	S. Batt

### IV. FACILITIES RELATED PROJECTS

Description	Project Officers
<b>SPACE UTILIZATION ANALYSIS</b> (i) Report programming—updating and analysis of use. (ii) Teaching space utilization—updating and analysis. (iii) Office and research space utilization—updating and analysis. (iv) Space projections.	G. Fester
<b>FORMULA SPACE STUDY</b> Analysis and updating for formula space indices and methods.	G. Fester
<b>PROJECT PLANNING</b> (i) Revised detailed programs (a) Dentistry (b) Pharmacy (ii) Campus Development Committee study of food facilities and campus housing considerations. Mature student housing study.	W. J. Williamson* J. Litwin W. A. Hansen

- (iii) Campus Development sub-committee considering campus parking and transportation.
- (iv) Joint City-University public transit cordon count study.
- (v) Rapid transit — preliminary investigation on probable use of rapid transit by University of Alberta.
- (vi) Program development—Michener Park Recreation Centre.

#### SPACE MANAGEMENT

- (i) Space implications of new construction
  - (a) Special project General Services Building
  - (b) Special project Printing Services Building
- (ii) Interim space requests
- (iii) Compilation and analysis of 1974-75 E-15 space requests

W. A. Hansen

#### SPACE INVENTORY

- (i) Surveys of new and modified buildings for space inventory
  - (a) Medical Sciences 2
  - (b) Fine Arts
  - (c) Cameron Library
  - (d) Rutherford Library
  - (e) Chemistry
- (ii) Perpetual inventory update

W. A. Hansen\*  
H. Gahr

#### REVIEW AND UPGRADING

Review of present and older facilities in conjunction with Campus Development Office to ascertain costs and feasibility of upgrading older buildings.

W. J. Williamson

### V. FINANCE RELATED PROJECTS

#### Description

#### Project Officers

#### THE UNIVERSITY OF ALBERTA COST STUDY

D. Wener

Allocation of financial resources to programs of study for 1972-73.

#### DEPARTMENTAL RATIOS

Computed ratios for three years, viz. average weekly contact hours per full-time faculty member, average weekly student hours per full-time faculty member, etc., department by department and faculty by faculty.

D. J. Otto\*  
M. Holland

#### BUDGET MODELS FOR UNIVERSITY PLANNING

Review of models to determine application.

D. Wener

### VI. SYSTEMS RELATED PROJECTS

#### Description

#### Project Officers

#### UNIVERSITY INFORMATION SYSTEM

P. Haney

Examination of current environment in light of Task Force Report on Information Needs and Systems.

#### GLOSSARY OF TERMS

Preparation of definitions for an index of student, staff, course, and workload related terms.

P. Haney



The "Explorations" series currently being presented by the Department of Music may well include pieces played 50 years ago when The University of Alberta Orchestra Group (ABOVE) performed in Convocation Hall. This Sunday's concert, also in Con Hall, begins at 8 p.m.

### PEOPLE

■ JULIET MC MASTER, Associate Professor of English, has been awarded a Canada Council Leave Fellowship for the duration of her sabbatical which began January 1.

■ The University of Alberta was represented by C. A. S. HYNAM, Associate Professor of Sociology, at a community development conference held at the Corrymeda Reconciliation Centre in Ballycastle, Northern Ireland in November. The conference was the first of its kind to be held in Northern Ireland and was attended by representatives from Southern Ireland, England, and Wales. While in Ireland, Professor Hynam also lectured to the graduate diploma students at Queen's University, Belfast.

All enquiries and complaints about parking at the University should be directed to the Parking Office during normal hours of operation, and to the Campus Security Force at any other time.

In addition, the Parking Office has assumed complete responsibility for temporary parking required for conferences, seminars, meetings, public functions, and other similar activities at the University. Advance arrangements for such parking should therefore be made with the Parking Office.

The object of these changes is to improve the efficiency of the parking operation at the University through greater consolidation of parking responsibilities. This should permit more direct feedback on all parking needs and problems coupled with the ability to respond accordingly.

### NOTICES

#### PARKING OPERATIONS

The following notice has been received from L. C. LEITCH, Vice-President (Finance and Administration).

Commencing January 2, 1974 the Parking Office is responsible for the issuance of parking tickets and the towing away of illegally parked vehicles in parking zones at the University. Such enforcement in other areas, including 24-hour reserved stalls, continues to be the responsibility of the Campus Security Force. However, Parking Office personnel will also respond to any apparent violations in these areas during the course of their regular patrols of parking zones.

#### CAMPUS PARKING - BUS STRIKE

Due to lack of use prior to the holidays, the shuttle bus service provided between Corbett Hall and the campus and Emily Murphy Park and the campus will not be reinstated.

Vehicles parking in front of hydrants and blocking fire lanes will continue to be towed away in order to free these areas in case of emergency.

Many persons with parking permits for assigned parking areas are taking advantage of the relaxed parking regulations instituted for the benefit of those who do not normally drive to campus. These persons are parking in areas other than those allowed on their permits. This has created unnecessary congestion in the heart of the campus and the blocking of many fire lane and service

vehicle roads. Starting January 10, these vehicles will be ticketed.

Apart from the above problems, the co-operation given by the increased number of persons bringing vehicles to campus has permitted most persons to overcome the problems brought on by the lack of public bus service.

When the strike ends, parking regulations will be tightened the day after service has been resumed.

#### SUBMISSIONS INVITED

The Committee to Review the Community Development Program, a committee of the Faculty of Graduate Studies and Research, is presently reviewing: the main purposes and goals of the program; its administration; the "core" concept of interdisciplinary approach of the program; its academic location; budgeting, staffing, and student support; and the nature of the program with respect to the employment of graduates.

Committee members are: D. J. CORNISH, a PhD candidate; C. A. MEILLICKE, Director of the Division of Health Services Administration; P. J. SMITH, Chairman of the Department of Geography; and J. J. RICHTER (Chairman), Professor of Agricultural Economics and Rural Sociology.

The Committee invites submissions and comments from faculty and students. Responses should be directed to Professor Richter, 515 General Services Building, telephone 432-5439.

#### NOMINATIONS SOUGHT FOR HONORARY DEGREES

The Honorary Degrees Committee of the Senate will be meeting shortly to select candidates for honorary degrees at Spring Convocation. Nomination forms are available from the Senate Office, 5-8T Mechanical Engineering Building, telephone 432-1268. The closing date for receiving nominations is January 31.

#### GENERAL FACULTIES COUNCIL COMMITTEE VACANCIES

Nominations for members of the University Disciplinary Hearings Impanelling Boards are being sought by the General Faculties Council Nominating Committee, and those who are interested in serving on the disciplinary tribunals are advised to contact the secretary of the Nominating Committee as soon as possible. Nominations are also being sought for one academic staff member for the Campus Law Review Committee, one student member

for the Admission Requirements Committee, one member to serve on the Selection Committee for the Chairman of the Department of Soil Science, and one member to serve on the Selection Committee for the Chairman of the Department of Food Science. Suggested nominations for these vacancies would be appreciated.

The terms of office of a number of members of the standing committees of General Faculties Council will expire in the spring, and during the next few months the Nominating Committee will be selecting nominations for the replacement of these members. Replacements will also be required for members of committees whose term of office will be interrupted by sabbatical leave during 1974-75. The standing committees where vacancies will occur are listed below:

<i>Committee</i>	<i>Staff Vacancies</i>	<i>Student Vacancies</i>
Academic Development	2	2
Administrative and Professional Officers	1	
Admission Requirements	1	3
Works of Art	1	2
Academic Appeals	1	3
Calendars		2
Campus Development	1	2
Campus Security Services		
Policy	3	3
Colleges	2	
Computing Facilities and Policy	1	2
Conference Funds	2	
Course Registration		
Procedures		3
Housing and Food Services		6
Library	4	2
Parking Appeals	3	2
Pollution	1	2
Promotions and Salaries		
Appeals	3	
General Promotions and Salaries	2	1
Handbook Appeals on		
Promotions and Salaries	2	
Radio and Television	1	2
Committee on Research	4	1
Spring Session, Off-Campus		
Credit Courses and		
Summer Session	2	
Council on Student Affairs	2	
Committee to Investigate		
Teaching	5	4
Tenure Appeals	3	
Timetabling Policy	3	2
Undergraduate Scholarships	3	2
University Collections	3 members	
	3 alternates	
University Planning	1	2

All full-time and part-time members of the academic staff, the non-academic staff, and graduate and undergraduate students of the University are eligible for election to these committees and membership is not restricted to members of General Faculties Council. The terms of office for staff members are for a period of up to three years, commencing July 1, 1974. Members who wish to serve a subsequent term of office may be nominated for re-election.

The Nominating Committee will be pleased to hear from staff members and students who have suggestions for nominations or who would be interested in serving on the committees of General Faculties Council. Interested persons should contact the Secretary of the Nominating Committee, MRS. PAT MAERTZ, 2-1 University Hall, telephone 432-4965.

#### ENGLISH LANGUAGE PROGRAM

The Department of Extension is offering a series of comprehensive courses in English as a second language at intermediate and advanced levels beginning January 28.

Placement tests will be given to ensure that each student is enrolled in the course which will benefit him most. Testing dates are January 16 at 7 p.m., January 19 at 9 a.m., and January 23 at 7 p.m. The test fee is \$3. Following the course, the student will be tested again to measure his improvement.

Courses will cover remedial English conversation, pronunciation, reading comprehension, improvement of writing skills, and formal report writing. One hour per week will be spent in the language laboratory. Instructors will be experienced teachers of English as a second language who have taught in universities across Canada. Detailed information on the course content of the nine courses being offered may be obtained by calling 432-3116 or 432-1497. The fee per course is \$60 which includes textbooks.

#### NO TELESCOPES

The Department of Physics has announced that, because of the lack of visibility of Comet Kohoutek, telescopes will no longer be set up on the top level of Stadium Carpark.

#### CHINA WEEK

The Chinese Students' Association has arranged a number of events for China Week, January 19 to 26. Events include a folk festival, cultural display, New Year celebration, film show, and teach-in. See "This Week and Next," January 19, for details of the opening event. Further events will be publicized in the next issue.

#### STAFF REP EDITOR REQUIRED

The Non-Academic Staff Association requires an editor for a part-time job of editing the STAFF REP, the NASA monthly publication. Remuneration is \$100 per month. Apply to the NASA Office, room 335 General Services Building.

#### EXTENSION COURSE ON LABOR CONTRACT

PETER SCHOPFLOCHER, Corporate Personnel Manager for GWG Ltd., will be conducting a 10-session evening course for the Department of Extension on Negotiating and Administering the Labor Contract beginning January 14.

Mr. Schopflocher, who is chairman of the Industrial Relations Committee of the Alberta Division of the Canadian Manufacturers' Association, will be discussing the legal framework for industrial relations; management rights; past practices; contents of collective agreements; labor economics; grievances and arbitration; preparing for negotiations; the bargaining process; and conciliation, disputes, and settlement.

Class hours will be from 7:30 to 9:30 p.m. for 10 Mondays. The course fee is \$60, including materials. Registrations are now being accepted at the Department of Extension, Corbett Hall, telephone 432-5067 during the day and 432-3116 at night.

#### HATHA YOGA

The Keep-fit Yoga Club will organize Hatha Yoga and Yoga Relaxation classes for men and women commencing January 10. The course will consist of eight lessons to be held twice a week in the evenings. Previous yoga experience is not necessary.

Those interested should telephone HUBERT DHANARAJ at 439-7897 or write for more information to the Keep-fit Yoga Club, Box 120, Sub Post Office 11, The University of Alberta.

### THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

#### 10 JANUARY, THURSDAY

**Medieval and Renaissance Guild**  
8:15 p.m. "The population of the City of Rome: a medieval problem" by G. HERMANSEN, Professor of Classics. Discussion and free coffee, followed by a short business meeting. Staff and students welcome. Henry Marshall Tory Building, room 14-9.

#### Toronto Dance Theatre

8:30 p.m. One performance only of dances from the company's 1973-74 repertoire. Students' Union Theatre. Admission \$4 (\$3 for students).

#### 11 JANUARY, FRIDAY

##### World Adventure Tours

6 and 9 p.m. *Japan* with KEN WOLFGANG. Jubilee Auditorium. Tickets from the Bay Box Office, 424-0121.

##### Basketball

And 12 January, *Saturday*. Golden Bears and Pandas vs. the University of Victoria Vikings. 6:30 p.m. Pandas; 8:30 p.m. Golden Bears. Main Gymnasium.

##### Student Cinema

6:30 and 9 p.m. *The Panic in Needle Park*. Students' Union Theatre. Admission: 50 cents in advance at SUB Information Desk, \$1 at the door.

##### National Film Theatre

7 p.m. Second program in the series Contemporary Canadian Cinema. II. *A Tout Prendre/Take It All* (French with English subtitles). Winner of first prize for a Canadian film at the 1963 Montreal International Film Festival. Central Library Theatre, 7 Sir Winston Churchill Square. Restricted to persons 18 years of age and over.

##### Television North Serial

8:30 p.m. First episode of the BBC production of *Pride and Prejudice*. Cable 13.

#### 12 JANUARY, SATURDAY

##### Hockey

2 p.m. *And 13 January, Sunday at 7:30 p.m.* Golden Bears vs. The University of Calgary Dinosaurs. Varsity Arena.

##### Track and Field

3 p.m. Golden Bears and Pandas vs. the University of Saskatchewan (dual meet). Kinsmen Field House.

##### Student Cinema

*And 13 January, Sunday*. 6:30 and 9 p.m. *Deliverance* starring Jon Voight and Burt Reynolds. Students' Union Theatre. Admission: 50 cents in advance at SUB Information Desk, \$1 at the door.

##### Edmonton Symphony Orchestra

8:30 p.m. *And 13 January, Sunday, at 2:30 p.m.* Conductor: PIERRE HETU; guest artist: CHARLES TREGER, violinist. Program includes: Symphony in A, Boccherini; Concerto for Two Violins and Orchestra, Bach; Tzigane for Violin and Orchestra, Ravel; Variations on a Theme by Tchaikovsky, Arensky; Le Tombeau de Couperin, Ravel. Jubilee Auditorium.

#### 13 JANUARY, SUNDAY

##### Toutimage

7:45 p.m. *Enquête sur un citoyen au dessus de tout soupçon* (Italy, 1970) by filmmaker Elio Petri, a suspense drama starring Gian Maria Volonte, Florinda Bolkan, and Gianni Santuccio. Technicolor. Collège Saint-Jean auditorium, 8406 91 Street. Admission 50 cents for members, \$1.50 for non-members. Restricted to persons aged 18 and over.

##### 'Explorations'

8 p.m. Third concert in the Department of Music's "Explorations" series. Program includes: *Dover Beach*, Barber; *On Wenlock Edge*, Vaughan Williams; Piano Quartet in C Minor, op. 60, Brahms. Convocation Hall. Admission free.

#### 14 JANUARY, MONDAY

##### Edmonton Film Society

8 p.m. *Top Hat* (USA, 1935) starring Fred Astaire and Ginger Rogers, directed by Mark Sandrich. Classic Series. Henry Marshall Tory Building, TL-11.

#### 15 JANUARY, TUESDAY

##### Boreal Circle

8 p.m. "Native land claims and development in the Northwest Territories" by L. I. BARBER, Vice-President Academic, The University of Saskatchewan, speaking in his role as Indian Claims Commissioner. Biological Sciences Building, centre wing, 4th floor cafeteria.

#### 16 JANUARY, WEDNESDAY

##### Botany Seminar

4:30 p.m. "Toxicity regulation in blooms of the blue-green alga; *Anabaena flos-aquae*" by WAYNE CARMICHAEL. Coffee served from 4 p.m. Biological Sciences Building, room CW-230.

##### Documentary Film

8 p.m. *If a Boy Can't Learn* is a film which will be featured at the public meeting of the Edmonton Association for Children with Learning Disabilities. Appropriate for both parent and teenager. Panel discussion will follow. Unitarian Church auditorium, 12530 110 Avenue.

##### Television North Series 'Motivating Children to Learn'

8 p.m. I. "Our present educational dilemma." A new series examining the educational environment of today where traditional methods of raising children no longer bring results. Cable 13.



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## 17 JANUARY, THURSDAY

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### Edmonton Opera Association

And 19 January, Saturday and 21 January, Monday. 8 p.m. Verdi's *La Traviata* starring ANNA MOFFO. Jubilee Auditorium.

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## 18 JANUARY, FRIDAY

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### National Film Theatre

7 p.m. Contemporary Canadian Cinema series III. *Le Grand Film Ordinaire* (Jeanne d'Arc n'est pas morte, se porte bien et vit au Québec)/*The Great Ordinary Film* (Joan of Arc is alive and well and lives in Quebec). French with English subtitles. Edmonton Public Library. Memberships \$2, available at the door; no extra admission charges. Restricted to persons aged 18 and over.

### Hockey

8 p.m. Golden Bears vs. the University of Saskatchewan Huskies. Varsity Arena.

### Wrestling

8 p.m. And 19 February, Saturday at 10 a.m., 2 p.m., and 6 p.m. Golden Bear Invitational. West Gymnasium.

### Television North Serial

8:30 p.m. Second episode in Jane Austen's *Pride and Prejudice*. Cable 13.

### Television North Series 'Galapagos'

9 p.m. I. "The islands." An award winning CBC series showing the animal life of the Galapagos Islands. Cable 13.

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## 19 JANUARY, SATURDAY

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### Chinese Folk Festival

8 p.m. And 20 January, Sunday at 2 p.m. The festival will include songs, instrumentals, dances, drama, and a Kung-Fu demonstration. Students' Union Theatre. Admission free.

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## 20 JANUARY, SUNDAY

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### Gymnastics

2 p.m. Golden Bears and Pandas vs. The University of Calgary Dinosaurs. Main Gymnasium.

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## EXHIBITIONS AND PLAYS

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### Edmonton Art Gallery

Until 27 January. "Snow show," a Christmas exhibition from the Gallery's permanent collection. Until 14 January. JACK FORBES, ceramic sculptures. Until 13 January. University of Alberta Law Centre, sculpture competition. Until 25 February. Materials and Techniques of Painting, in the Junior Gallery.

### Latitude 53 Gallery

Until 16 January. Group show by Albertan photographers. Gallery hours: Tuesday to Saturday, noon to 5 p.m.; Thursday evening, 7 to 9 p.m. 10048 101A Avenue, telephone 423-3126.

### Citadel Theatre

Until 2 February. Robert Marasco's suspense play *Child's Play*, directed by RICHARD OUZOUNIAN.

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## PERSONAL NOTICES

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Notices must be received by 9 a.m. the Friday prior to publication. Rate is ten cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. Minimum charge is \$1. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone 432-4991.

### Accommodation available

FOR RENT—Furnished or unfurnished bachelor and one-bedroom suites. Balconies, shag rugs, near Southgate (Duggan). 3915 107 Street. 435-8650.  
FOR RENT—Two-bedroom furnished home at 11635 75 Avenue. To view, call 433-2747 or 467-5184.  
FOR RENT—Two rooms and bathroom in basement; light housekeeping. Phone 434-8053.  
FOR RENT—Beautiful three-bedroom bungalow. Completely renovated. Two full bathrooms, new appliances, rumpus room and study. New double garage. Near Meadowlark Shopping Centre. \$250. 452-2322.  
FOR RENT—Furnished three-bedroom bungalow, crescent location in Riverbend. Available February. 435-1383.  
FOR SALE—SHERWOOD PARK, four-bedroom split-level with family room and cemented front drive. \$25,000 mortgage at 8¾%. Asking \$47,850. RIVERBEND, new, unusual three-bedroom bungalow. Fireplace, front-drive garage. Clear title; asking \$57,900. Call Judy Shewchuk, 465-7811 or 479-2173. Royal Trust Co., Real Estate Division.  
FOR RENT—*Southbury House*—the ultimate in low-rise apartments. Featuring 91 extra large, cozy suites (studio, one-, two- and some three-bedroom); automatic elevator; saunas; exercise rooms; dishwashers; extra large corridors and balconies; laundry room on each floor; heavy, medium, long luxury shag carpeting throughout; covered parking. New, unique double-walled construction and concrete floors provide the best in soundproofing. *Southbury House* is within easy walking distance (4 blocks) of Southgate Shopping Centre, and of all schools. It has large, beautifully landscaped grounds with play area and barbecue pits. *Southbury House* is located at 4240 106 Street. For further information please call 434-4980; if no answer, call 465-4059.

### Goods and services

FOR SALE—Two complete sets cross-country skis, boots (ladies' 7, mens' 10½), poles, \$45 each set; b/w maple console TV, \$50; ladies' ski boots (Koflach size 7), \$25; ladies' ski pants, green, coral, blue, size 10, \$10/pair. 433-6257.  
FRENCH COURSES OF THE ALLIANCE FRANCAISE begin end of January. Registrations now: beginning, intermediate levels, and salon de conversation française. 435-6490.

SUMMER '74—We are now registering for Charter Flights to London and Europe. A 60-day advance booking will be in effect. For further particulars call Iris Rosen and Associates, 488-8181.  
TYPING DONE—Fast efficient service. Georgina Barton, 429-3219 or 489-4810.  
NOW BOOKING—J & K Hayrides. Bonfires available. 434-3835.  
PLUMBING—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 439-4670, anytime.  
EXCURSION FARES—Coast to coast: how about those business trips, conferences, etc.? We arrange domestic bookings, i.e., Canada and the U.S., as well as international ones, and attend to flights, hotels, and car rentals. For further information call Iris Rosen and Associates at 488-8181.  
HOW ABOUT SKI weeks or weekends in B.C. Call Iris Rosen and Associates, 488-8181.  
FOREIGN STUDENTS—English/French instruction to your families. Telephone 426-0813.  
LANGUAGES—French instruction given at your convenience. Call 426-0813.  
FOR SALE—Ford tot-guard, brand new, never used. \$25. Telephone 434-2655 after 6 p.m.  
WANTED—Occasional ride University to St. Albert after 4 p.m. 458-0025.  
WANTED—Monocular or binocular microscope. Please phone 439-1542 after 6 p.m.

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## POSITIONS VACANT

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### NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (Room 121, Administration Building) will provide further details to interested persons, who are not to approach the department directly.

Clerk Typist II (\$354-\$453)—Student Awards; Household Economics; Extension  
Clerk Typist II (Temporary) (\$354-\$453)—Office of the Registrar  
Clerk Typist III (\$412-\$523)—Educational Psychology; Physical Plant  
Clerk Steno I (\$338-\$431)—Surgery  
Clerk Steno II (\$372-\$475)—Soil Science  
Clerk Steno III (\$431-\$549)—Law  
Clerk Steno III (Temporary) (\$431-\$549)—Paediatrics  
Senior Clerk (\$412-\$523)—Cancer Research  
Dental Assistant (\$392-\$499)—Dentistry  
Audiovisual Technician I (\$523-\$668)—Romance Languages  
Audiovisual Technician III (\$701-\$895)—Audiovisual Media Centre  
Chemical Technologist II (\$701-\$895)—Chemistry  
Electronics Technician I (\$549-\$701)—Killam Earth Sciences  
Ice Rink Attendant (\$475-\$606)—Physical Education  
Analyst (\$895-\$1,142)—Computing Services  
Technician I (\$523-\$668)—Physics  
Laboratory Assistant III (\$453-\$577)—Pharmacology  
Accountant/Office Manager (\$606-\$773)—Printing Services  
Administrative/Professional Officer (\$9,360-\$11,715 yearly)—Chemistry  
Assistant Analyst (\$773-\$987)—Computing Services  
Research Assistant (\$300-\$500 negotiable)—Psychology  
Assistant Control Clerk I (\$323-\$412)—Computing Services  
Textile Technologist I (\$701-\$895)—Household Economics  
Bacteriology Technician I or II (\$549-\$812)—Medical Bacteriology